

Fig. 2A

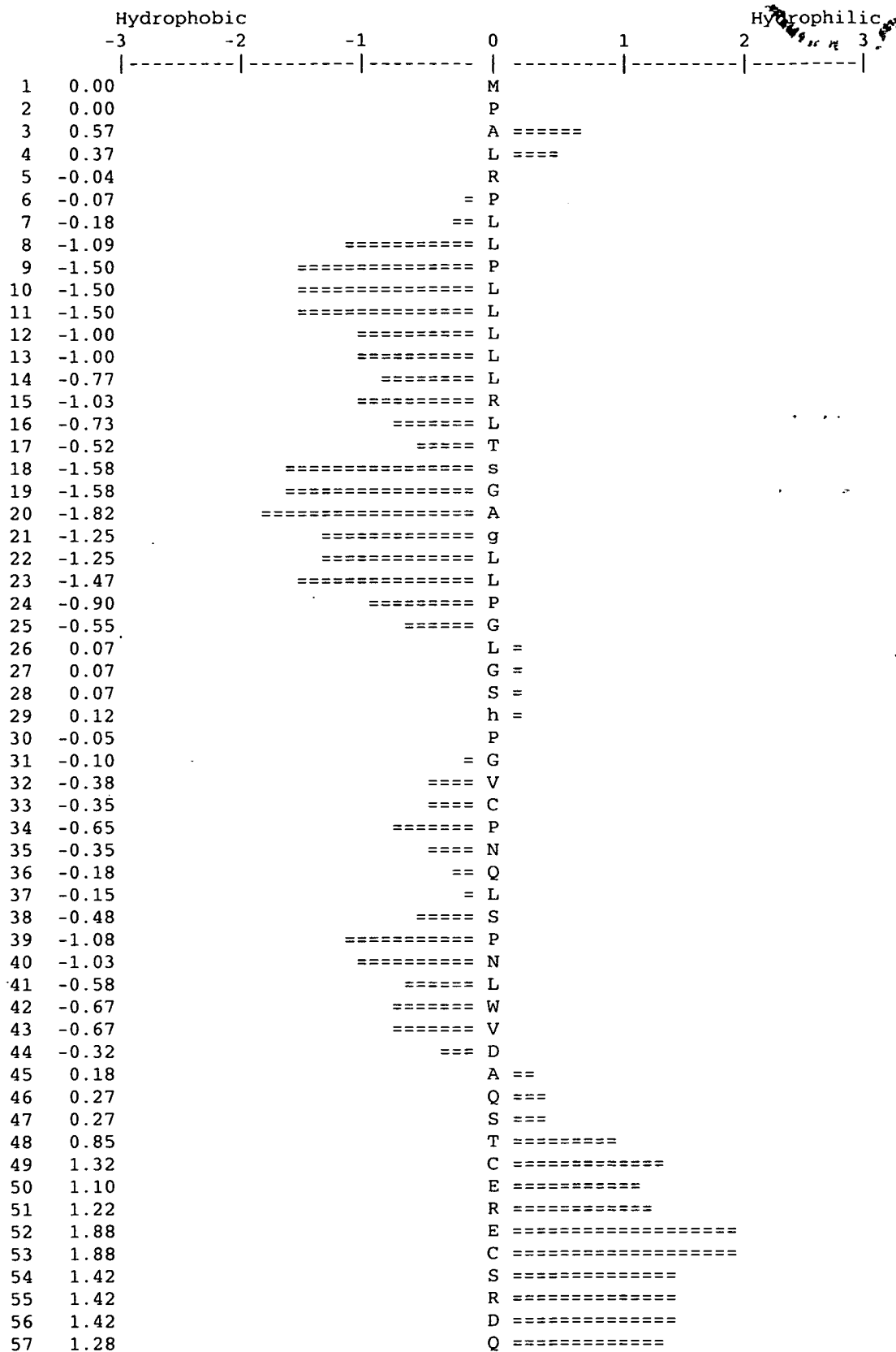


Fig. 2B

58	0.70		D =====
59	0.12		C =
60	0.58		A =====
61	0.58		A =====
62	0.58		A =====
63	0.50		E =====
64	0.28		K ===
65	0.40		C =====
66	-0.35	=====	C
67	-1.02	=====	I
68	-0.85	=====	N
69	-0.98	=====	V
70	-0.77	=====	C
71	-0.75	=====	G
72	-0.67	=====	L
73	-0.75	=====	H
74	-0.83	=====	S
75	-0.62	=====	C
76	-0.03		V
77	-0.50	=====	A
78	-0.33	=====	A
79	-0.08		= R
80	0.05		F =
81	0.13		P =
82	-0.45	=====	G
83	-0.12		= S
84	-0.12		= P
85	-0.18		= A
86	-0.30	=====	A
87	-0.38	=====	P
88	-0.38	=====	T
89	-0.25	=====	T
90	-0.42	=====	A
91	0.15		A ==
92	0.22		S ==
93	-0.12		= C
94	-0.28	=====	E
95	-0.50	=====	G
96	-0.33	=====	F
97	-0.80	=====	V
98	-0.77	=====	C
99	-0.35	=====	P
100	-0.05		= Q
101	0.62		Q =====
102	0.45		G =====
103	0.92		S =====
104	0.58		D =====
105	0.02		C
106	0.47		D =====
107	-0.03		I
108	0.17		W ==
109	-0.33	=====	D
110	-0.28	=====	G
111	0.12		Q =
112	0.12		P =
113	-0.05		V
114	0.42		C =====
115	0.92		R =====
116	1.67		C =====
117	1.67		R =====

Fig. 2C

118	1.67		D =====
119	2.33		R =====
120	2.33		C =====
121	1.83		E =====
122	1.38		K =====
123	1.13		E =====
124	0.07		P =
125	-0.60	=====	S
126	-1.18	=====	F
127	-1.13	=====	t
128	-0.68	=====	C
129	-0.27	=====	A
130	0.00		S
131	0.10		D =
132	-0.20	=====	G
133	-0.63	=====	L
134	-1.10	=====	T
135	-0.60	=====	Y
136	-0.47	=====	Y
137	-0.78	=====	N
138	-0.62	=====	R
139	0.27		C ===
140	0.15		Y ==
141	0.15		M ==
142	0.23		D ==
143	0.45		A =====
144	0.37		E =====
145	0.37		A =====
146	0.45		C =====
147	-0.35	=====	L
148	-0.35	=====	R
149	-0.48	=====	G
150	-0.27	=====	L
151	-1.07	=====	H
152	-1.32	=====	L
153	-1.02	=====	H
154	-1.10	=====	I
155	-0.30	=====	V
156	-0.30	=====	P
157	-0.25	=====	C
158	-0.30	=====	K
159	-0.25	=====	H
160	-0.65	=====	V
161	-1.15	=====	L
162	-1.07	=====	S
163	-0.77	=====	W
164	-0.42	=====	P
165	-0.47	=====	P
166	0.10		S =
167	0.10		S =
168	0.10		P =
169	0.55		G =====
170	0.43		P =====
171	0.37		P =====
172	0.28		E =====
173	0.78		T =====
174	0.78		T =====
175	0.22		A ==
176	0.28		R ==
177	0.35		P =====

Fig. 2D

178	0.35	T	====
179	-0.23	==	P
180	-0.23	==	G
181	-0.42	=====	A
182	-0.42	=====	A
183	-0.42	=====	P
184	-0.42	=====	V
185	-0.63	=====	P
186	-1.02	=====	P
187	-0.72	=====	A
188	-0.67	=====	L
189	-0.67	=====	Y
190	-0.53	=====	S
191	-0.23	==	S
192	0.18	P	==
193	0.05	S	=
194	-0.25	==	P
195	-0.22	==	Q
196	-0.52	=====	A
197	-0.52	=====	V
198	-1.12	=====	Q
199	-1.10	=====	V
200	-0.93	=====	G
201	-0.92	=====	g
202	-0.97	=====	T
203	-1.05	=====	A
204	-0.65	=====	S
205	-0.08	=	L
206	-0.25	===	H
207	-0.25	===	C
208	0.05	D	=
209	0.63	V	=====
210	0.80	S	=====
211	0.30	G	==
212	0.55	R	=====
213	0.42	P	=====
214	0.17	P	==
215	-0.40	=====	P
216	-0.97	=====	A
217	-0.47	=====	V
218	0.03	T	
219	0.15	W	=
220	0.45	E	=====
221	0.83	K	=====
222	1.43	Q	=====
223	1.43	S	=====
224	1.43	h	=====
225	1.43	Q	=====
226	1.08	R	=====
227	0.47	E	=====
228	0.22	N	==
229	0.22	L	==
230	-0.28	===	I
231	0.18	M	==
232	0.52	R	=====
233	0.60	P	=====
234	0.43	D	=====
235	-0.07	=	Q
236	-0.03	M	
237	-0.78	=====	Y

Fig. 2E

238	-1.07	=====	G
239	-1.10	=====	N
240	-1.28	=====	V
241	-1.23	=====	V
242	-1.57	=====	V
243	-1.32	=====	t
244	-1.03	=====	S
245	-1.08	=====	I
246	-0.77	=====	G
247	-1.12	=====	Q
248	-1.20	=====	L
249	-1.17	=====	V
250	-1.28	=====	L
251	-0.48	=====	Y
252	-0.23	==	N
253	0.57		A =====
254	1.45		R =====
255	1.33		P =====
256	1.42		E =====
257	0.62		D =====
258	0.23		A ==
259	-0.33	===	G
260	-1.00	=====	L
261	-0.98	=====	Y
262	-1.07	=====	T
263	-0.27	===	C
264	0.15		T ==
265	0.13		A =
266	0.22		R ==
267	-0.28	===	N
268	-0.50	=====	A
269	-1.30	=====	A
270	-0.83	=====	g
271	-0.83	=====	L
272	-0.25	===	L
273	-0.10	=	R
274	0.20		A ==
275	0.20		D ==
276	-0.25	===	F
277	-0.42	=====	P
278	-1.17	=====	L
279	-0.72	=====	S
280	-0.22	==	V
281	0.58		V =====
282	0.53		Q =====
283	0.70		R =====
284	1.45		E =====
285	1.92		P =====
286	1.33		A =====
287	0.75		R =====
288	0.75		D =====
289	0.88		A =====
290	0.08		A =
291	-0.42	=====	P
292	-0.42	=====	S
293	-0.33	===	I
294	-0.42	=====	P
295	0.03		A
296	0.17		P ==
297	-0.13	=	A

Fig. 2F

298	-0.05		E
299	0.45		C =====
300	0.28		L ===
301	-0.18		== P
302	-0.10		= D
303	0.03		V
304	-0.03		Q
305	-0.53		===== A
306	-0.28		=== C
307	-0.38		===== T
308	-0.25		=== G
309	-0.08		= P
310	-0.10		= T
311	-0.40		===== S
312	-0.65		===== P
313	-0.88		===== H
314	-1.50		===== L
315	-1.58		===== V
316	-1.88		===== L
317	-1.08		===== W
318	-0.83		===== H
319	-0.50		===== Y
320	0.57		D =====
321	0.65		P =====
322	1.03		Q =====
323	0.37		R =====
324	0.15		G ==
325	0.05		G =
326	-0.87		===== C
327	-0.87		===== M
328	-0.95		===== T
329	-0.28		=== F
330	-0.07		= P
331	-0.17		== A
332	0.75		R =====
333	0.75		G =====
334	0.75		C =====
335	0.17		D ==
336	0.67		G =====
337	0.83		A =====
338	-0.08		= A
339	0.42		R =====
340	0.43		G =====
341	0.53		F =====
342	0.53		E =====
343	0.45		T =====
344	0.70		Y =====
345	0.23		E ==
346	0.33		A ==
347	0.23		C ==
348	-0.43		===== Q
349	-0.43		===== Q
350	0.23		A ==
351	0.20		C ==
352	0.17		A ==
353	0.25		R ==
354	0.92		G =====
355	0.92		P =====
356	0.25		G ==
357	0.00		D

Fig. 2G

358	-0.30	===	A
359	-0.30	===	C
360	-0.88	=====	V
361	-1.05	=====	L
362	-0.85	=====	P
363	-0.60	=====	A
364	-0.30	===	V
365	-0.47	=====	Q
366	0.12	G =	
367	0.37	P =====	
368	0.17	C ==	
369	0.67	R =====	
370	0.67	G =====	
371	1.33	w =====	
372	0.27	E ===	
373	0.18	P ==	
374	-0.03	R	
375	-0.48	=====	W
376	-0.48	=====	A
377	-1.28	=====	Y
378	-1.02	=====	S
379	-0.90	=====	P
380	-0.48	=====	L
381	-0.70	=====	L
382	-0.78	=====	Q
383	-0.48	=====	Q
384	-0.60	=====	C
385	-0.88	=====	H
386	-1.30	=====	P
387	-1.13	=====	F
388	-1.05	=====	V
389	-1.22	=====	Y
390	-0.30	===	G
391	-0.05	G	
392	0.37	C =====	
393	0.37	E =====	
394	0.40	G =====	
395	0.60	N =====	
396	-0.32	===	G
397	-0.40	=====	N
398	-0.38	=====	N
399	0.12	F =	
400	0.58	H =====	
401	0.60	S =====	
402	0.85	R =====	
403	1.43	E =====	
404	1.88	S =====	
405	1.30	C =====	
406	0.63	E =====	
407	0.58	D =====	
408	0.50	A =====	
409	0.00	C	
410	0.00	P	
411	0.02	V	
412	0.18	P ==	
413	0.18	R ==	
414	0.27	T ===	
415	0.77	P =====	
416	0.18	P ==	
417	0.08	C =	

Fig. 2H

418	0.58		R =====
419	0.28		A ===
420	0.95		C =====
421	0.50		R =====
422	1.08		L =====
423	0.95		R =====
424	0.37		S =====
425	0.37		K =====
426	-0.70	=====	L
427	-1.05	=====	A
428	-1.72	=====	L
429	-0.92	=====	s
430	-0.78	=====	L
431	0.02		C
432	0.17		R ==
433	0.38		S =====
434	0.25		D ==
435	-0.50	=====	F
436	-0.55	=====	A
437	-0.55	=====	I
438	-0.43	=====	V
439	-0.42	=====	G
440	0.38		R =====
441	0.38		L =====
442	0.08		T =
443	0.08		E =
444	0.88		V =====
445	0.95		L =====
446	0.95		E =====
447	1.12		E =====
448	1.33		P =====
449	0.27		E ==
450	-0.23	==	A
451	-0.53	=====	A
452	-1.12	=====	g
453	-0.53	=====	G
454	-0.70	=====	I
455	-0.22	==	A
456	-0.52	=====	R
457	0.28		V ==
458	0.87		A =====
459	0.12		L =
460	0.07		E =
461	0.65		D =====
462	1.45		V =====
463	1.45		L =====
464	1.45		K =====
465	1.48		D =====
466	1.78		D =====
467	0.98		K =====
468	0.98		M =====
469	0.07		G =
470	-0.73	=====	L
471	-0.52	=====	K
472	-0.58	=====	F
473	0.22		L ==
474	-0.67	=====	G
475	-0.55	=====	T
476	0.25		K ==
477	0.00		Y

Fig. 2I

478	0.00		L
479	-0.80	=====	E
480	-0.98	=====	V
481	-0.68	=====	T
482	-1.40	=====	L
483	-0.65	=====	S
484	-1.15	=====	G
485	-0.93	=====	M
486	-0.53	=====	D
487	-0.53	=====	W
488	-0.48	=====	A
489	-0.98	=====	C
490	-0.38	=====	P
491	-0.52	=====	C
492	-0.42	=====	P
493	-0.50	=====	N
494	-0.33	=====	M
495	0.17		T ==
496	0.13		A =
497	0.35		G =====
498	0.12		D =
499	-0.05		G
500	-0.35	=====	P
501	-1.07	=====	L
502	-1.07	=====	V
503	-0.57	=====	I
504	-0.52	=====	M
505	0.23		G ==
506	1.03		E =====
507	1.25		V =====
508	1.00		R =====
509	0.42		D =====
510	0.42		G =====
511	-0.38	=====	V
512	-0.38	=====	A
513	-0.47	=====	V
514	-0.22	=====	L
515	-0.08	=====	D
516	-0.22	=====	A
517	-0.17	=====	G
518	-0.17	=====	S
519	-0.17	=====	Y
520	-0.25	=====	V
521	-0.25	=====	R
522	0.63		A =====
523	1.38		A =====
524	1.38		S =====
525	1.22		E =====
526	1.80		K =====
527	2.25		R =====
528	1.45		V =====
529	0.65		K =====
530	0.65		K =====
531	0.60		I =====
532	-0.20	=====	L
533	-0.20	=====	E
534	0.60		L =====
535	0.93		L =====
536	0.35		E =====
537	0.48		K =====

Fig. 2J

